

David M Leistner

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

1,765
citations

361045

20
h-index

301761

39
g-index

79
all docs

79
docs citations

79
times ranked

3053
citing authors

#	ARTICLE	IF	CITATIONS
1	Transplantation of progenitor cells and regeneration enhancement in acute myocardial infarction (TOPCARE-AMI): final 5-year results suggest long-term safety and efficacy. <i>Clinical Research in Cardiology</i> , 2011, 100, 925-934.	1.5	211
2	Application of non-HDL cholesterol for population-based cardiovascular risk stratification: results from the Multinational Cardiovascular Risk Consortium. <i>Lancet, The</i> , 2019, 394, 2173-2183.	6.3	177
3	Propionate attenuates atherosclerosis by immune-dependent regulation of intestinal cholesterol metabolism. <i>European Heart Journal</i> , 2022, 43, 518-533.	1.0	113
4	Interventional Treatment of Severe Tricuspid Regurgitation. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e006061.	1.4	101
5	Long-term clinical outcome after intracoronary application of bone marrow-derived mononuclear cells for acute myocardial infarction: migratory capacity of administered cells determines event-free survival. <i>European Heart Journal</i> , 2014, 35, 1275-1283.	1.0	91
6	Automatic Plaque Detection in IVOCT Pullbacks Using Convolutional Neural Networks. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 426-434.	5.4	78
7	Pulmonary Hypertension in Patients With Severe Aortic Stenosis: Prognostic Impact After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 591-601.	2.3	73
8	Differential immunological signature at the culprit site distinguishes acute coronary syndrome with intact from acute coronary syndrome with ruptured fibrous cap: results from the prospective translational OPTICO-ACS study. <i>European Heart Journal</i> , 2020, 41, 3549-3560.	1.0	67
9	Transcoronary gradients of vascular miRNAs and coronary atherosclerotic plaque characteristics. <i>European Heart Journal</i> , 2016, 37, 1738-1749.	1.0	65
10	Impella versus IABP in acute myocardial infarction complicated by cardiogenic shock. <i>Open Heart</i> , 2019, 6, e000987.	0.9	63
11	Mechanical circulatory support with Impella versus intra-aortic balloon pump or medical treatment in cardiogenic shock—a critical appraisal of current data. <i>Clinical Research in Cardiology</i> , 2019, 108, 1249-1257.	1.5	57
12	Impact of oral anticoagulation on clinical outcomes of COVID-19: a nationwide cohort study of hospitalized patients in Germany. <i>Clinical Research in Cardiology</i> , 2021, 110, 1041-1050.	1.5	49
13	Efficacy and Safety of Revacept, a Novel Lesion-Directed Competitive Antagonist to Platelet Glycoprotein VI, in Patients Undergoing Elective Percutaneous Coronary Intervention for Stable Ischemic Heart Disease. <i>JAMA Cardiology</i> , 2021, 6, 753.	3.0	44
14	Elevated Levels of the Mediator of Catabolic Bone Remodeling RANKL in the Bone Marrow Environment Link Chronic Heart Failure with Osteoporosis. <i>Circulation: Heart Failure</i> , 2012, 5, 769-777.	1.6	34
15	Circulating Troponin As Measured by a Sensitive Assay for Cardiovascular Risk Assessment in Primary Prevention. <i>Clinical Chemistry</i> , 2012, 58, 200-208.	1.5	29
16	Left atrial appendage angiography is associated with the incidence and number of magnetic resonance imaging-detected brain lesions after percutaneous catheter-based left atrial appendage closure. <i>Heart Rhythm</i> , 2018, 15, 3-8.	0.3	29
17	Prognostic value of NT-pro-BNP and hs-CRP for risk stratification in primary care: results from the population-based DETECT study. <i>Clinical Research in Cardiology</i> , 2013, 102, 259-268.	1.5	28
18	Comparison of resting distal to aortic coronary pressure with angiography-based quantitative flow ratio. <i>International Journal of Cardiology</i> , 2019, 279, 12-17.	0.8	28

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19	Real-time optical coherence tomography coregistration with angiography in percutaneous coronary intervention—impact on physician decision-making: The OPTICO-integration study. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, 30-37.	0.7	23
20	Improved risk stratification in prevention by use of a panel of selected circulating microRNAs. <i>Scientific Reports</i> , 2017, 7, 4511.	1.6	22
21	Concepts and Software Package for Efficient Quality Control in Targeted Metabolomics Studies: MeTaQuaC. <i>Analytical Chemistry</i> , 2020, 92, 10241-10245.	3.2	22
22	Bone marrow and plasma FGF23 in heart failure patients: novel insights into the heart–bone axis. <i>ESC Heart Failure</i> , 2019, 6, 536-544.	1.4	16
23	Virome Sequencing in Patients With Myocarditis. <i>Circulation: Heart Failure</i> , 2020, 13, e007103.	1.6	16
24	Left atrial appendage closure in a patient with left atrial appendage thrombus using a novel fish ball technique. <i>International Journal of Cardiology</i> , 2017, 234, 146-149.	0.8	15
25	Impact of the Gut Microbiota on Atorvastatin Mediated Effects on Blood Lipids. <i>Journal of Clinical Medicine</i> , 2020, 9, 1596.	1.0	15
26	Transcatheter Aortic Valve Replacement and Concomitant Mitral Regurgitation. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 74.	1.1	14
27	Cohort profile: role of lipoproteins in cardiovascular disease—the LipidCardio study. <i>BMJ Open</i> , 2019, 9, e030097.	0.8	14
28	Immune Mechanisms of Plaque Instability. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 797046.	1.1	14
29	Impact of acute kidney injury in elderly (>80 years) patients undergoing percutaneous coronary intervention. <i>Journal of Interventional Cardiology</i> , 2018, 31, 792-798.	0.5	13
30	Feasibility and diagnostic reliability of quantitative flow ratio in the assessment of non-culprit lesions in acute coronary syndrome. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 1815-1823.	0.7	13
31	Simultaneous [18F]fluoride and gadobutrol enhanced coronary positron emission tomography/magnetic resonance imaging for <i>in vivo</i> plaque characterization. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1391-1398.	0.5	13
32	Impact of concomitant mitral regurgitation on transvalvular gradient and flow in severe aortic stenosis: a systematic ex vivo analysis of a subentity of low-flow low-gradient aortic stenosis. <i>EuroIntervention</i> , 2018, 13, 1635-1644.	1.4	12
33	Impact of real-time angiographic co-registered optical coherence tomography on percutaneous coronary intervention: the OPTICO-integration II trial. <i>Clinical Research in Cardiology</i> , 2021, 110, 249-257.	1.5	11
34	Serum creatinine and cystatin C-based estimates of glomerular filtration rate are misleading in acute heart failure. <i>ESC Heart Failure</i> , 2021, 8, 3070-3081.	1.4	11
35	Association of the body mass index with outcomes in elderly patients (>80 years) undergoing percutaneous coronary intervention. <i>International Journal of Cardiology</i> , 2019, 292, 73-77.	0.8	10
36	Association of left ventricular end-diastolic pressure with mortality in patients undergoing percutaneous coronary intervention for acute coronary syndromes. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, E439-E446.	0.7	10

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37	Maintaining Cardiovascular Health in the digital era. <i>European Heart Journal</i> , 2019, 40, 9-12.	1.0	9
38	Prognostic Impact of Pancoronary Quantitative Flow Ratio Assessment in Patients Undergoing Percutaneous Coronary Intervention for Acute Coronary Syndromes. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, CIRCINTERVENTIONS121010698.	1.4	9
39	From heart to toe: Heart's contribution on peripheral microRNA levels. <i>International Journal of Cardiology</i> , 2014, 172, 616-617.	0.8	8
40	Minute Myocardial Injury as Measured by High-Sensitive Troponin T Serum Levels Predicts the Response to Intracoronary Infusion of Bone Marrow-Derived Mononuclear Cells in Patients With Stable Chronic Post-Infarction Heart Failure. <i>Circulation Research</i> , 2017, 120, 1938-1946.	2.0	8
41	Long-term follow up of 3 T MRI-detected brain lesions after percutaneous catheter-based left atrial appendage closure. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, 327-333.	0.7	8
42	Assessment of intermediate coronary lesions by fractional flow reserve and quantitative flow ratio in patients with small-vessel disease. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 743-751.	0.7	8
43	Prediction of acute coronary syndrome in acute ischemic Stroke (PRAISE) – protocol of a prospective, multicenter trial with central reading and predefined endpoints. <i>BMC Neurology</i> , 2020, 20, 318.	0.8	8
44	Comparison of the Seattle Heart Failure Model and Cardiopulmonary Exercise Capacity for Prediction of Death in Patients With Chronic Ischemic Heart Failure and Intracoronary Progenitor Cell Application. <i>Clinical Cardiology</i> , 2013, 36, 153-159.	0.7	7
45	A randomised comparison of monoplane versus biplane fluoroscopy in patients undergoing percutaneous coronary intervention: the RAMBO trial. <i>EuroIntervention</i> , 2020, 16, 672-679.	1.4	7
46	Discordance between estimated and measured changes in plasma volume among patients with acute heart failure. <i>ESC Heart Failure</i> , 2022, 9, 66-76.	1.4	7
47	Performance of One- Compared With Two-Catheter Concepts in Transradial Coronary Angiography (from the Randomized Use of Different Diagnostic Catheters-Radial-Trial). <i>American Journal of Cardiology</i> , 2018, 122, 1647-1651.	0.7	6
48	Adjusted Troponin I for Improved Evaluation of Patients with Chest Pain. <i>Scientific Reports</i> , 2018, 8, 8087.	1.6	6
49	Angiography-based quantitative coronary contrast-flow ratio measurements correlate with myocardial ischemia assessed by stress MRI. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 1407-1416.	0.7	6
50	Coexistence of calcified- and lipid-containing plaque components and their association with incidental rupture points in acute coronary syndrome-causing culprit lesions: results from the prospective OPTICO-ACS study. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1598-1605.	0.5	6
51	Effect of Physical Disability on Mortality in Elderly Patients of ≥80 Years of Age Undergoing Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , 2018, 122, 537-541.	0.7	5
52	Noninvasive Imaging of Endothelial Damage in Patients With Different HbA1c Levels: A Proof-of-Concept Study. <i>Diabetes</i> , 2019, 68, 387-394.	0.3	5
53	The role of cardiologists on the stroke unit. <i>European Heart Journal Supplements</i> , 2020, 22, M3-M12.	0.0	5
54	Stent Optimization Using Optical Coherence Tomography and Its Prognostic Implications After Percutaneous Coronary Intervention. <i>Journal of the American Heart Association</i> , 2022, 11, e023493.	1.6	5

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55	Changes in treatment for NSTEMI in women and the elderly over the past 16 years in a large real-world population. <i>International Journal of Cardiology</i> , 2020, 316, 7-12.	0.8	4
56	Impact of renal function on outcomes of patients with cardiac troponin elevation and non-obstructive coronary arteries. <i>International Journal of Cardiology</i> , 2021, 333, 29-34.	0.8	4
57	A novel cardiac extracorporeal shock wave for enhancing the efficacy of cell therapy. , 2012, , .		3
58	FD-OCT and IVUS for detection of incomplete stent apposition in heavily calcified vessels: novel insights: <i>Open Heart</i> , 2015, 2, e000292.	0.9	3
59	The relevance of periprocedural troponin rise: the never ending story!. <i>Open Heart</i> , 2017, 4, e000590.	0.9	3
60	Effect on Outcomes: Infections Complicating Percutaneous Coronary Interventions in Patients ≥80 Years of Age. <i>American Journal of Cardiology</i> , 2019, 123, 1806-1811.	0.7	3
61	Rapid Inflammasome Activation Is Attenuated in Post-Myocardial Infarction Monocytes. <i>Frontiers in Immunology</i> , 2022, 13, 857455.	2.2	3
62	Prognostic value of reported chest pain for cardiovascular risk stratification in primary care. <i>European Journal of Preventive Cardiology</i> , 2014, 21, 727-738.	0.8	2
63	Procedural and clinical performance of dual- versus single-catheter strategy for transradial coronary angiography: A meta-analysis of randomized trials. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 276-282.	0.7	2
64	Apixaban versus Phenprocoumon: Oral AntiCoagulation plus antiplatelet therapy in patients with Acute Coronary Syndrome and Atrial Fibrillation (APPROACH-ACS-AF). <i>IJC Heart and Vasculature</i> , 2021, 35, 100810.	0.6	2
65	Distinct pathological mechanisms distinguish acute coronary syndrome caused by plaque erosion from plaque rupture. <i>Current Opinion in Cardiology</i> , 2021, 36, 793-797.	0.8	2
66	Teleproctoring for Training in Structural Heart Interventions: Initial Real-World Experience During the COVID-19 Pandemic. <i>Journal of the American Heart Association</i> , 2022, 11, e023757.	1.6	2
67	Culprit mistaken: development of a traumatic coronary aneurysm after mismatched culprit lesion-PCI for plaque rupture. <i>European Heart Journal</i> , 2021, 42, 287-287.	1.0	1
68	Acute coronary syndrome by two different spontaneous coronary artery dissection types in two different vessels. <i>Cardiovascular Intervention and Therapeutics</i> , 2022, 37, 393-394.	1.2	1
69	Evaluation of Cerebral Thromboembolism After Transcatheter Aortic Valve Replacement (EARTH TAVR): A Serial Magnetic Resonance Imaging Evaluation as Substudy of the GALILEO Trial. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e011074.	1.4	1
70	Use of a bioresorbable novolimus eluting vascular scaffold fails a hybrid PCI strategy with drug eluting stent. <i>Clinical Research in Cardiology</i> , 2017, 106, 557-559.	1.5	0
71	The danger lurks dastardly in the coronary vessel wall: spotlight on patients' vulnerability. <i>European Heart Journal</i> , 2018, 39, 1656-1656.	1.0	0
72	COVID-19 #StayAtHome Restrictions and Deep Vein Thrombosis: Case Report. <i>Interactive Journal of Medical Research</i> , 2021, 10, e23443.	0.6	0

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73	Cardiogenic Shock Management and Research: Past, Present, and Future Outlook. US Cardiology Review, 0, 16, .	0.5	0
74	Gender specific performance of one- compared to two-catheter concepts in transradial coronary angiography â€” Insights from the randomized UDDC-Radial-Trial. Cardiovascular Revascularization Medicine, 2022, , .	0.3	0